PTO/SB/08a (02-09)

Approved for use through 03/31/2009. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nger the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. stitute for form 1449/PTO APR OB INFORMATION DISCLOSURE STORE IF

Sheet 1

STATEMENT BY APPLICANT

of 3

Complete if Known Application Number 10/523,319 Filing Date 1/31/2005 First Named Inventor Yasuo Ohama Art Unit 1791 Examiner Name Lazorcik Attomey Docket Number 52201-0632

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.	Number-Kind Code ^{2 (F known)}	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		us- 6,641,663	11-2003	Kemmochi et al.	
		US- 6,136,092	10-2000	Sato et al.	
		us- 2002/0192409	12-2002	Ohama et al.	
		us- 2003/0012899	01-2003	Kemmochi et al.	
		US- 5,306,473	04-1994	Nakajima et al.	
		US- 5,174,801	12-29-1992	Matsumura et al.	
		^{US-} 6,886,364 B2	05-03-2005	Ohama et al.	
		US- 6,841,210 B2	01-11-2005	Ohama et al.	
		US- 6,641,663 B2	11-04-2003	Kemmochi et al.	
		us- 2002/0192409 A1	12-19-2002	Ohama et al.	
		US- 2003/0074920 A1	04-24-2003	Ohama et al.	
		us- 2003/0106491 A1	06-12-2003	Kemmochi et al.	
		US-			_
		US-			
	 	US-			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Г		
		Country Code ³ "Number ⁴ "Kind Code ⁶ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Te	
		WO 01/92169 A1	12-06-2001	Heraeus Quarzglas			
		EP 1 319 736 A1	12-05-2002	Heraeus Quarzglas			
		JP 2003-95678	04-03-2003	Heraeus Shin-Etsu America			
		JP 2002-348294	12-18-2001	Shinetsu Quartz Prod Co			
		JP 2933404	05-28-1999	Shinetsu Quartz Prod Co		L	
		JP 2811290	08-07-1998	Shinetsu Quartz Prod Co			

Examiner Signature	/Jason Lazorcik/	Date Considered	05/28/2009

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional)." See Knick Cobost of USPTO Petent Drawman at www.usepis.go.gov of MPEP 00104. "Einer Clinic that issued the document, by the two-letter code (WPIO Standard ST.3.)" For Japanese petent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patient document. "Kind of coursent by the appropriate symbols as indicated on the document number ST.1.6 if possible." "Applicant is to place a cherk limit her eif English language." Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time your require to complete this form and/or suggestors for reducing this burder, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandrig, V.S. 2231-1450, D.O. TS END FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08a (02-09)

Approved for use through 03/31/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid QMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)
Sheet 2 of 3

Complete if Known				
Application Number	10/523,319			
Filing Date	1/31/2005			
First Named Inventor	Yasuo Ohama			
Art Unit	1791			
Examiner Name	Lazorcik			
Attorney Docket Number	52201-0632			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (Fizzowa)}			
		US-			
		Us-			
		US-			
	1	US-			
	1	US-			
		US-			
		US-			
	—	US-			
		US-			
	1	US-			
	1	US-			
		US-			
		US-			
	_	US-			
	1	US-			
	\top	US-			
	_	US-			
	_	US-			
	+-	US-	1		

	FOREI	GN PATENT DOCU	MENTS		
Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Where Relevant Passages	т.
	Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	JP 2002-284596				
	JP 2001-348240	18-18-2001	Shinetsu Quartz Prod Co		_
					ļ
					⊢
					+-
	Cite No.1	Cite No. ¹ Foreign Patent Document Country Code ² Number **Kind Code ² (if known) JP 2002-284596	Drolling Patent Document Publication Publication Date MM-DD-YYYY	No. Date MM-DD-YYYY Applicant of Cited Document JP 2002-284596 10-03-2002 Japan Siper Quartz Corp	Cite Foreign Patent Occument Publication Name of Patentee or Applicant of Cited Document Publication Applicant of Cited Document Where Relevant Plasages Or Relevant Figures Appear JP 2002-284596 10-03-2002 Japan Siper Quartz Corp

Examiner Signature		Date Considered	

EXAMINER: Initial if relerence considered, whether or not cristation is in confirmance with IMPEP 809. Draw line through citation in first in conformance and not considered, include copy of this form with next communication to applicant. Applearent unique cutation designation number (coltonal). See Kinds Codes of USP10 Patent Documents at working control of the co

This collection of information is required by 37 CFR, 197 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO to process) an exploration. Confidentishing, appeared by 58 U.S.C. 122 and 37 CFR, 14.1. This collection is estimated to Explore the Committee of the Comm

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08b (02-09)

Approved for use through 03/31/2009, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMS control number Complete if Known Substitute for form 1449/PTO Application Number 10/523,319 INFORMATION DISCLOSURE Filing Date 1/31/2005 STATEMENT BY APPLICANT First Named Inventor Yasuo Ohama Art Unit 1791 (Use as many sheets as necessary) Examiner Name Lazorcik Attorney Docket Number 52201-0632 Sheet 3 lз

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		PATENT ABSTRACTS OF JAPAN, for JP 2003-095678 (April 3, 2003).	
		PATENT ABSTRACTS OF JAPAN, for JP 2001-348294 (December 18, 2001).	
		PATENT ABSTRACTS OF JAPAN, for JP05-105577 (April 27, 1993).	
		PATENT ABSTRACTS OF JAPAN, for JP 2002-284596 (October 3, 2002).	
		PATENT ABSTRACTS OF JAPAN, for JP08-169798 (July 2, 1996).	
		PATENT ABSTRACTS OF JAPAN, for JP2001-348240 (December 18, 2001).	
-			

Examiner
Signature

Date
Considered

FixAdMiNER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered, include copy of his form with next communication to applicant.

A policant's unique tailor adesignation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 3° CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO This collection of information is required by 3° CFR 1.8. The information is optionally of STCR 1.1.4. This obtained is obtained to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this budge, should be sent to the Chief Information Officer, U.S. Patient and Tracemark Office, P.O. Box 1450, Alexandria, N. 22313-1450. DNOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patients, P.O. Box 1450, Alexandria, N. 22313-1450.